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SHULZE BROS. NURSERY CO.,

BRUSSELS, ILL.

BRANCH: DEER PLAIN, ILL.

FIFTY MILES NORTHWEST OF ST. LOUIS, MO.

On C., B. & Q.

C., P. & St. Louis R. R.

Illinois and Mississippi Rivers.

FREIGHT: We pay freight, provided one-fourth cash reaches us before shipment, on orders of \$10.00 and up, sold at single, 10 or 100 rate. We also pay freight on 1-YEAR APPLE sold at thousand rate. We DON'T pay freight on orders sold at thousand rate (with the exception of 1-yr. apple) nor on stock shipped by express. We DON'T pay freight on orders amounting to less than \$10.00, nor on orders of any amount unless one-fourth cash reaches us before shipment. Orders are shipped direct to customer; he to make all remittances direct to us at Brussels, Ill. All Drafts and Money Orders must be made payable to **SHULZE BROS. NURSERY CO.**

FOUR sizes are made in our Grading Cellars; 2-yr. trees are graded as below:

XXX, Extra, $\frac{3}{4}$ inch and up, includes largest and finest trees in the rows, the size sure to please. XX Size, $\frac{5}{8}$ to $\frac{3}{4}$, 1st class; even X size, $\frac{1}{2}$ to $\frac{5}{8}$ in. equals 1st class of some—all young, healthy, thrifty, 1st class of the size. Of course dwarfish-growing sorts are not so tall, nor are kinds of various habits of growth all alike. Larger sizes are graded by caliper (diameter) to similar thickness and stockiness of body, a true test of quality when graded by both caliper and height, the caliper governs, has height then named is approximated.

BARGAIN or 4th size at half-price of X size—no order under 300 trees and no sorts under 30 trees.

1-yr. Apple Trees are of three sizes; and even our 3d size 1-yr. trees excel "1st class 1-yr." of some growers.

GET UP CLUB among neighbors, save money for all. Get free freight on \$10 and up clubs, get the lower rate for larger quantity, etc. Four your trouble add to the order, free of charge, trees to the amount of 10 per cent. of club order; but DO NOT, under any circumstances, deduct 10 per cent. in cash from amount of bill. The 10 per cent. in trees is for the club maker only who secures orders from other parties, thereby gaining us new customers. All, therefore, will understand why when order is all for one person, the 10 per cent. free trees cannot be added.

We Box and Pack Free - In Paper-lined Boxes, the only safe-guard against both, freezing and drying **Guarantee Safe Arrival**—And that trees will open up **Fresh & Healthy**. Up-to-date Packing pays, expensive, but gives satisfaction to all concerned.

Give Wholesale prices, and ship direct from Nursery to planter.

Guarantee Highest Quality.—Pedigree Trees are grown to bear and long-lived. Quickest and largest returns.

Guarantee.—Trees etc. to be grown on the best Upland on the Globe, and to be the cheapest on the market, where **High Grade Improved O.-K. Whole Root Pedigree** trees are considered. **Quality is true test of Price.**

Guarantee-Pedigree trees Highest possible Quality, that land and up-to-date Nursery Science can produce.

PLANT BREEDING.

Twenty-eight years ago we introduced Pedigree trees into our Nurseries, and year after year worked for **Higher Qualities** in all branches of our Nurseries, and now stand second to none but first in producing, **True to Name, Healthy, Thrifty, Prolific and Long Lived** trees etc.

In 1900, three years ago. Having established the fact that our O. K. Whole Root Pedigree Trees etc., are of Superior Quality, we began to advertise Pedigree trees etc. and as usual there was a lot of Pedigree advertisements to follow. (By other Firms), taking advantage of what they considered to be a new Idea in advertising, these Mushroom Firms did not have a Pedigree Tree, Vine or Plant of any kind in their nursery and can not have as yet, for it requires years to accomplish anything at all in improving fruits, and untold patience. We are the originators of the O. K. Whole-Root Pedigree Trees, etc., and we are backed up by prominent men.

SCHULZE TREES BEAR FANCY FRUIT.

Abstract of an address delivered by H. C. Price, Professor of Horticulture, Iowa State College, before the Northern Illinois Horticultural Society:

SCOPE OF PLANT BREEDING.

The question of plant breeding is not confined to pomology by any means. To the cerealist it means the breeding of a better type of corn, wheat and oats; to the florist an improvement of the many varieties of flowers; to the horticulturist it means the improvement of the garden vegetables. Then again arises the question of what we are to breed for. Is it size, productiveness, hardiness or disease resistance? It is very evident that our problem is modified according to our ultimate object.

An all wise Creator has given man domain over the vegetable kingdom, and given the plants a plasticity that allows us to mold plants to a certain extent according to our liking. We do not always recognize this plasticity or realize to what extent it has been taken advantage of. Take the sugar beet, for example, that to-day furnishes the larger part of the sugar of the world. It has been developed from a beet yielding less than 5 per cent. of sugar to one containing over 16 per cent. Take our flowers and vegetables—many of them have been so changed by the hand of man that we can no longer recognize their prototype. We may, indeed, reverently and sincerely say:

" Oh, painter of the fruits and flowers,
We thank thee for thy wise design
Whereby these human hands of ours
In Nature's garden work with thine."

IMPROVING OLD VARIETIES.

But I would not over-emphasize the importance of artificial pollination, for to me it seems that it is only a means to the end. The greatest problem of plant breeding is the improvement of the varieties we already have rather than the production of new ones. Take the breeder of live stock. He is not continually striving to produce new breeds, but rather to improve the ones he has. I believe that horticulturists might do the same thing to a large degree, and it would be to their advantage. The tendency to introduce new varieties that are in no way superior to ones we already have only produces confusion. For my part I cannot see that there is any excuse for introducing a new variety unless it is superior in some way to varieties we already have. The simple fact that it is new should have no fascination. If it really has merit it will win its own place, and if it has no merit it will quickly sink to its own level.

It is a fact that may easily be corroborated by observation that there is an individuality in plants. Take it in the orchard, for example. Some trees of the same variety will always produce better fruit than other trees. I remember distinctly the trees in my father's orchard that I used to go to every year to get specimens for the fair from because they always bore the best fruit. A close study of orchard trees, of small fruits, of vegetables or flowers, will show an individuality in size, color and productiveness. The logical and scientific way to propagate is to select the buds, scions and seeds from these plants that show the most marked individuality along the line that we want to improve our plant. Selection of buds, scions and plants is one of the most important lines of plant breeding and one that must be given more attention both by the nurserymen and orchardists.—*The Western Fruit Grower, April, 1903.*

TO GET GOOD TREES.

The trees are essential in good orcharding. The scions should be cut from such trees as have been producing full crops of first quality fruit. Then you can be assured that your young trees will be first-class and your crops will be fine and profitable also. Much importance should be given to this part of my subject, as it involves the success or failure of the orchardist. Think of going to a fine stock breeder and telling him that you could grow just as good stock from any common kind as he could from his well selected stock. He would feel so indignant as to say that such a one was a fit subject for the asylum. Yet apple trees that have been grafted from little stunted and diseased and, in fact worthless trees, are considered good enough to use, when in reality they will yield little fruit, and of very poor quality. Can the good fruit growers be silent and allow this great apple-producing country to be filled with such inferior fruit as is now being peddled all over our country, coming in contact with our healthy, well-cared-for orchards? It is a common expression with the live stock breeders, "the shrub must go." If the apple men were as intent on protecting their apple business by getting laws passed to compel nurserymen to furnish certificates that their young nursery trees were grafted from well developed, bearing trees, it would not only protect the novice, but the industry at large as well. It must be apparent to the casual observer that small, inferior, faulty apples thrown on the market is depressing to the market for good ones.—*J. H. Whetstone, In The Western Fruit Grower, April, 1903, Pomona, Kas.*

CHOOSING THE PARENTS.

Iowa Experiment Station.

In order to get the best results from cross pollination it is necessary to choose parents that most nearly possess the qualities that we desire. The four qualities that are needed in apples for the north are hardness, productiveness, late keeping quality and flavor. If we can combine these four qualities in the highest degree in an apple it will be an addition to horticulture that will be worth millions of dollars. The man that succeeds in making such a combination that will justly be entitled to have his name inscribed on the roll of honor of American horticulturists. It can be done and will be done, but possibly not until thousands of crosses have been made and discarded as worthless. But the results will be more quickly obtained if a systematic plan is followed year after year, rather than doing haphazard, spasmodic work. One variety that should be extensively used throughout the northwest is the Wealthy. It should be crossed with the late-keeping varieties in order to produce an apple as good as the Wealthy and having good keeping qualities. At the Iowa Experiment Station we have been working on the native crabs and have made a great many crosses and have many seedlings now growing.

It is impossible to predict what the results of a cross will be, and the uncertainty of it adds a fascination to the work. The pleasure of making the cross, saving the seed, raising the seedlings and then watching for them to bear their first fruit is something beyond the realm of ordinary horticultural operations.—By Prof. H. C. Price, Ames, Iowa, in *Western Fruit Grower*, April, 1903.

The above is a good illustration of the importance of pedigreed or improved strains. Who, for one moment, would entertain the idea of growing horses, cattle, hogs, or any other farm crop with non-pedigreed breeds? Why, then, should anyone plant trees, etc., that are grown haphazard and non-pedigreed?

SCHULTZ'S O. K. Whole-Root Process Pedigreed Trees are as good as the Best and Better than all others.

300 trees at 1000 rates (as 300 Apple, 300 Plum, 300 Pear, etc.); **10 trees** of **one** sort at **100 rate** (as 10 Ben Davis, 10 Red June Plum, 10 Kieffer, etc.). Less than 10 trees of a sort at **each** rate

EXAMPLE.—In ordering 325 Apple, the selection may be made from any of the sizes, ages and varieties, budded or grafted (except bargain size, which are sold 30 of a sort and 300 in a lot) to make up the 300, thus: 100 Ben Davis, 95 Willow Twig, 105 Jonathan, and the 25 assorted in 1, 2, 5, 7, 3, etc., of a variety at each rate.

Do not combine Apple, Plum, Pear, etc., as 150 Apple, 100 Plum, 50 Pear to obtain 1000 rate.

APPLE TREES.

		Each. 10 100 1000			
1-yr. Grafted Whole Root	1-yr. top	3 to 4 ft.....	10c	.70	\$7 55
	2-yr. roots	2½ to 3 ft.....		.50	5 45
		2 to 2½ ft.....		.40	4 35
2-yr. Grafted Whole Root	2-yr. top	XXX 6 ft. ¾ in. and up	15c	\$1.30	\$13 90
	3-yr. roots	XX 5 ft. ⅝ to ¾ in.....	10c	1.00	10 70
		X 4 ft. ½ to ⅝ in.....		.70	7 50
1-yr. Budded Whole Root	1-yr. top	4 ft.....	15c	\$1.30	\$13 90
	3-yr. roots	3 ft.....	10c	1.00	10 70
		2½ to 3 ft.....		.70	7 50
2-yr. Budded Whole Root	2-yr. top	XXX 6 ft. ¾ in. and up	20c	\$1.80	\$18 100
	4-yr. roots	XX 5 ft. ⅝ to ¾ in.....	18c	1.60	16 80
		X 4 ft. ½ to ⅝ in.....	15c	1.40	14 60

Bargain size, half price of X size.

BEN DAVIS,	Genet, Rawle's,	Red Astrachan,	Talman's Sweeting,
Benonia,.	Romanite Small,	Red June,	Paradise Winter Sweet,
Bellflower,	Maiden Blush,	Strawberry, Chenango,	Trenton,
Early Harvest,	Mo. PIPPIN,	Salome,	Clayton,
Snow Apple,	Northern Spy,	Wine Sap,	Huntsman's Favorite.
GANO,	Rome Beauty,		

30 per cent Discount from Each, 10 and 100 prices.

15 1000 Rates ON ALL STOCK

APPLE TREES—Continued.

		Each. 10 100 1000			
1-yr. Grafted Whole Root	1-yr. top	{ 3 to 4 ft.....	10c	\$1.90	\$9 70
	2-yr. roots	{ 2½ to 3 ft.....		.70	7 55
		{ 2 to 2½ ft.....		.50	5 40
2=yr. Grafted Whole Root	2-yr. top	{ XXX 6 ft. ¾ in. and up	18c	\$1.40	\$14 100
	3-yr. roots	{ XX 5 ft. ⅝ to ¾ in....	15c	1.10	11 75
		{ X 4 ft. ½ to ⅝ in....	12c	.80	8 60
1=yr. Budded Whole Root	1-yr. top	{ 4 ft.....	18c	\$1.40	\$14 100
	3-yr. roots	{ 3 ft.....		1.10	11 75
		{ 2½ to 3 ft.....	12c	.80	8 60
2-yr. Budded Whole Root	2-yr. top	{ XXX 6 ft. ¾ in. and up	20c	\$1.80	\$18 120
	4-yr. roots	{ XX 5 ft. ⅝ to ¾ in....	18c	1.40	14 90
		{ X 4 ft. ½ to ⅝ in....	15c	1.10	11 70

Bargain size, half price of X size.

BISMARCK,	INGRAM (Im. Geneton),	JONATHAN,	Newtown Pippin
Duchess of Oldenburg,	Mam. Black Twig,	Yellow Transparent,	Willow Twig,
GRIMES' GOLDEN,	Springdale,	YORK IMPERIAL,	WEALTHY.

1-yr. Grafted Whole Root	1-yr. top	{ 3 to 4 ft.....	18c	\$1.40	\$14 100
	2-yr. roots	{ 2½ to 3 ft.....	14c	1.10	11 75
		{ 2 to 2½ ft.....	10c	.80	8 60
2-yr. Grafted Whole Root	2-yr. top	{ XXX 6 ft. ¾ in. and up	20c	\$1.80	\$18 120
	3-yr. roots	{ XX 5 ft. ⅝ to ¾ in....	15c	1.40	14 90
		{ X 4 ft. ½ to ⅝ in....	12c	1.10	11 70
1=yr. Budded Whole Root	1-yr. top	{ 4 ft.....	20c	\$1.80	\$18 100
	3-yr. roots	{ 3 ft.....	15c	1.40	14 90
		{ 2½ to 3 ft.....	12c	1.10	11 70
2-yr. Budded Whole Root	2-yr. top	{ XXX 6 ft.....	30c	\$2.50	\$25 170
	4-yr. roots	{ XX 5 ft.....	22c	1.90	19 120
		{ X 4 ft.....	15c	1.40	14 90

Bargain size, half price of X size.

Ben Golden (Trade Mark),	CHICAGO, 10c extra,
Union (Trade Mark),	STAYMAN'S WINESAP,
BLACK BEN DAVIS (or Regan),	Delicious,
COLLINS' RED (or Champion),	OLIVER RED (or Senator),
APPLE OF COMMERCE OF BEACH,	LIVELAND RASPBERRY.

CRAB TREES.

FLORENCE—(Worth all others).....	{ XXX 6 ft. ¾ in. and up ..	25c	\$2.00	\$20 100
	{ XX 5 ft. ⅝ to ¾ in....	15c	1.20	12 80
Small Red Siberian.....	{ X 4 ft. ½ to ⅝ in....	10c	.90	9 75

SCHULZE TREES are always packed in the best up-to-date manner and will open up FINE, HEALTHY and FRESH. Good packing pays.

Huntsville, Ala., Feb. 12, 1903.

Yours of January 25th received. I have only one Tree of Liveland Raspberry and it has been nearly cut to death. I am sorry I cannot let you have any wood of it. This apple is all claimed of it and a little more.—JOHN FRASER.

Williamsburg, Ia., March 12, 1903.

I send scions of the Liveland Raspberry Apple. There has been such a demand for them that almost every bit of last years' growth has been cut for grafting wood. Ripens very early, fine quality, does not bear very young, bears reasonably well. Tree medium growth, very hardy, and beautiful tree; the skin is tough, thin and does not break easily in handling. Keeps firmly in cold storage until November.—Evergreen Fruit Farm.—F. O. HARRINGTON.

Lincoln, Ark., February 23, 1903.

Will say the B. B. Davis sell better, bears more regular, keeps better than Old Ben Davis. Champion is a good bearer and fruit keeps well.—J. F. BAIN.

C. L. K., Tyro, Kan.

Will some of your readers advise me if the following are good apples to plant: Champion, Black Ben Davis, Apple of Commerce. Senator. Delicious, Mammoth Black Twig. Some Arkansas man can tell me, for I think they are all Arkansas apples.

This was referred to R. I. James, Springdale, Ark., who replies as follows: "I am not as well posted as some of your Arkasas readers, but I will answer the questions to the best of my ability. Tell the gentleman to try a few trees, at least, of all the varieties he named. Champion is a young bearer, good keeper and a profitable commercial apple. Black Ben Davis is better to plant than the old Ben Davis. Apple of Commerce is not so safe as the others; go slow with it, and try it in a small way first. Senator is a large red apple, with very large white dots; it ripens with Rome Beauty; fruit of finest quality, but tree blights badly. Delicious is a new one; I have seen the tree, a strong, vigorous grower, with very dark wood, and they say the fruit is rightly named. Mammoth Black Twig is good to plant where the Winesap succeeds; it is not a heavy bearer here, but equal to Winesap and much larger; fruit keeps well." In *Western Fruit Grower*, April, 1903

Wenatchee, Wash., January 27, 1903.

The Black Ben Davis is a good looking apple. Good size, larger than Gano and better color; will keep as long as you want them in good cellar. Tree a good grower, hardy and good bearer. The old Bens have no business with the Black.—WM. F. MEIER.

Normandy, Tenn., January 26, 1903.

I have only fruited the apples mentioned five years, and find Champion and B. B. Davis annual bearers, and can tell little to life of tree.—JAMES W. WAITE.

Peru, Iowa, January 26, 1903.

"The Delicious" tree has never failed to bear heavy since in bearing.—S. L. HIATT.

Kalona, Iowa, February 18, 1903.

Your Fruit Book and Planters Guide to hand. I like your **Whole Root Process of Propagating Pedigree Trees** and had formerly decided to try some of the New Ozark varieties. I have partly filled out the order. Send it to you for approval; please return same and I will then include cash.—J. F. SWARTZENDEBER.

Manzanola, April 20, 1903.

Trees arrived and find them very satisfactory. Please find check for amount of bill enclosed. Will want more of your stock next fall.—HERMAN CONANT.

Fielden, Ill., August 21, 1902.

Find enclosed P. O. order. I want to set 1,000 more trees either this fall or next spring. I have had splendid luck with the trees I set last spring 4 trees are all that have died out of the 1,000. Isn't that a record?—H. C. HEIDERSCHIED.

Lapwai, Idaho, January 2, 1903.

My Dear Sirs:—After some delay I send you the balance due on trees. These are fine, all my orders will be given you. You are Gentlemen, and I want nothing but **Pedigree** trees. In the spring I will see about my other order. Yours truly,

ALVA C. SHIME.

Hunnewell, Kans., Feb. 9, 1903.

I absolutely believe your theory of Propagation is correct and your trees are right, only the **Whole Root** is questioned by many of the best Horticulturists, at any rate it does not hurt them, nor nothing else to have good roots. If they are real Pedigree trees, etc., Prices are not out of the way.—W. S. OVERSTREET.

Rampsville, Ill., April 10, 1903.

Gentlemen:—I received fruit trees all O. K., and am well pleased with them.—C. F. BENZ.

Wild Wood, Okla., March 3, 1903.

Received trees to-day; was much pleased with them, they were in good condition. I expect to want more trees next fall.—W. P. WIMER.

Prossor, Wash., March 31, 1903.

Trees shipped the 9th arrived all right, and though so long in transit opened up in good shape. I am highly pleased with trees. They are finer than I expected. Everything is according to bill rendered. I enclose herewith Draft for \$—— in payment. Thanking for the very generous treatment.—F. W. NESSLY.

PEAR TREES—Standard.

		Each.	10	100	1000
1-yr. Kieffer and Garber	1-yr. top	3 ft. and up	20c	\$1.80	\$18 \$100
	3-yr. roots	2 ½ ft.	15c	1.40	14 90
		2 ft.	10c	1.11	11 70
2-yr. Kieffer and Garber	2-yr top	XXX 6 ft. ¾ in. and up	30c	\$2.50	\$25 \$180
	4-yr. roots	XX 5 ft. ⅝ to ¾ in.	25c	2.20	22 150
		X 4 ft. ½ to ⅝ in.	20c	1.70	17 110
1-yr. Whole Root	1-yr. top	3 ft. and up	20c	\$1.80	\$18 \$130
	3-yr. roots	2 ½ ft.	15c	1.20	12 110
		2 ft.	10c	.90	9 85
2-yr. Whole Root	2-yr. top	XXX 6 ft. ¾ in. and up	40c	\$2.80	\$28 \$200
	4-yr. roots	XX 5 ft. ⅝ to ¾ in.	30c	2.30	23 150
		X 4 ft. ½ to ⅝ in.	20c	1.60	16 100
Keller (Trade Mark)	Flemish Beauty,	Seckel,	Tyson,		
Bartlett,	Howell,	Sheldon,	Louise B. de Jersey.		
Clapp's Favorite,	Lawrence,				

DWARF PEARS.

DUCHESS (d'Angouleme)	XXX ¾ in. and up	25c	\$2.00	\$20 \$130
KEFLER (Trade Mark), Howell, Louise B	XX ⅝ to ¾ in.	18c	1.70	17 100
de Jersey, Bartlett, KIEFFER, and others.	X ½ to ⅝ in.	15c	1.20	12 70

PLUM TREES.

America, Red June, Wickson, Shiro, Lombard, Burbank, Climax, Abundance, Sultan.	XXX 5 ft. ¾ in. and up	35c	\$3.00	\$30 \$200
	XX 4 ft. ⅝ to ¾ in.	30c	2.50	25 170
	X 3 ft. ½ to ⅝ in.	25c	2.20	22 150
	4th, 3 ft.	15c	1.40	14 100
Wild Goose, Shropshire Damson, German Prune, Ill. Green Gage, Imperial Gage	XXX 5 ft. ¾ in. and up	30c	\$2.50	\$25
	XX 4 ft. ⅝ to ¾ in.	25c	2.00	20
	X 3 ft. ½ to ⅝ in.	20c	1.50	15
	4th, 3 ft.	15c	1.20	12

CHERRY TREES.

Baldwin, Leopold, (Trade Mark)	XXX ¾ in. and up	40c	\$3.50	\$35 \$220
Montmorency Large, Montmorency King,	XX ⅝ to ¾ in.	30c	2.50	25 180
Montmorency Monarch	X 3 ft.	25c	2.20	22 150
Early Richmond, English Morello, Wragg,	4th, 2 to 2 ½ ft.	20c	1.80	18 120
Early May, Dye House, German Ostheim	XXX ¾ in. and up	35c	\$3.00	\$35 \$200
May Duke, Black Tartarian, Black Eagle, Louis Phillippe, Gov. Wood.	XX 4 ft. ⅝ to ¾ in.	30c	2.50	25 160
	X 3 ft.	25c	2.00	20 130
	4th, 2 to 2 ½ ft.	15c	1.40	14 100

PEACH TREES.

1-yr. top, 2-yr. roots. Fitzgerald, Lemon Cling, Amsden, Crawford's Early, Crawford's Late, Smock, Stump-the-World, WONDERFUL, Old Mixon Free, Old Mixon Cling, SELECT SEED- LINGS, Gold Mine, Carman	XXX 5 ft.	15c	\$1.40	\$14 \$ 65
	XX 4 ft.	12c	1.10	11 55
	X 3 ft.	10c	.90	9 45
	4th, 2 to 2 ½ ft.			8 40
Capt. Ede, Elberta Cling, Elberta Seedling, ELBERTA FREE, GOLD DUST, SEA EAGLE, Longhurst, Victory, Cuba, Chicago, Calhoun, Admiral Dewey, Worth, MAMIE ROSS (or White Elberta), Champion, Sneed, TRIUMPH, Heath Cling, (White Heath)	XXX 5 ft.	20c	\$1.80	\$18 \$ 70
	XX 4 ½ ft.	15c	1.40	14 60
	X 3 ft.	12c	1.00	10 50
	4th, 2 to 2 ½ ft.			9 45

APRICOT TREES.

		Each.	10	100	1000
Harris (10c extra), Royal	XXX 5 ft	35c	\$3.00	\$30	\$250
	XX 4 ft.....	30c	2.50	25	200
	X 3 ft.....	25c	2.00	20	150

IMPORTANT.

SCHULZE TREES are **Pedigreed O. K. Whole Root Process** trees, selected from trees that have proven the best in our test and scion orchards. It is important to have trees that will bear full crops, and at the same time not overload and break down with small apples. No matter of whom you buy your trees, see that they are pedigreed stock. Just about as well set seedlings as to plant trees that are grown from scions taken from the nursery row from year to year. Common sense teaches better. What would become of farm crops if seed were not changed from year to year, and the best seed selected each and every time? And what would be the result to the Hog, etc., if left without any attention? A poor, miserable scrub that would eat as much corn as the Best \$5,000 Poland China hog. Just so in trees—a poor tree will require the same SPACE, same PLANTING, same cultivation, same pruning, and possibly cost the same. No one can afford to plant poor trees as a gift, as long as there are **Pedigreed O. K. Whole Root Process** trees to be had.

QUINCE TREES.

Meech's Prolific, Orange	XXX 5 ft	30c	\$2.50	\$25	.....
	XX 4 ft	25c	2.00	20	.....
	X 3 ft.....	20c	1.50	15	.....

SMALL FRUITS.

Prices are for not less than 5 of a sort—5 at 10 rate; 50 at 100 rate (as 25 Brighton, 10 Concord, 15 Delaware, etc.); 300 or more at 1000 rate. Not less than 10 of one sort.

—2-YEAR.— —1-YEAR.—

Grape Vines.								Raspberries.			
	10	100	1000	10	100	1000			10	100	1000
Brighton	\$1.20	\$7	\$50	\$	.90	\$6	\$40	CUMBERLAND (black) .....	.70	\$5.00	\$30
Concord .....	.80	6	40	.60	4	20		Cuthbert (crimson) .....	.30	1.50	10
Cambell's Early.....	.80	6	40	.60	4	20		Doolittle (black).....	.30	1.30	8
Cataba .....	.80	6	40	.70	6	40		Loudon (red).....	.40	1.60	11
Delaware .....	.80	7	50	.90	7	50		KANSAS (jet black) .....	.30	1.40	9
Diamond	1.00	8	50	.90	7	50		Mam Cluster (black) .....	.30	1.30	8
Moore's Early.....	1.00	8	50	.90	7	50		OHIO, Everbear'g (black) .....	.30	1.30	8
Niagara	1.00	8	50	1.00	8	55		Blackberries.			
Worden	1.20	9	60	1.00	8	55		EAR. HARVEST .....	.30	2.50	10
Currants.								ELDORADO, best, king.....	1.00	9.00	80
Fay's Prolific (red) ..	1.00	6	35	.90	5	30		EARLY KING .....	.60	5.00	20
Naples (black).....	.80	5	30	.65	5	25		SNYDER .....	.30	2.50	10
POMONA (red) best..	2.00	15	90					Dewberries.			
Red Dutch.....	.80	5	30	.65	5	25		Lucretia .....	.50	4.00	35
White Dutch.....	.80	5	30	.65	5	25		Strawberries.			
Gooseberries.								Assorted .....	.25	1.00	4
PEARL, the best.....	2.50	20	150	2.00	15	100		See Fruit Book for list of varieties.			
Houghton, reliable..	1.00	5	45	.80	4	35		Rhubarb			
Red Jacket	1.00	5	45	.80	4	35		Myatt's Linnaeus, 25c each; \$2 per 10.			

Should we fail to please you, tell us; and if you are pleased, tell others.

NOTE.—Mark very plainly if budded or grafted; also if XXX or XX, etc., are wanted. Be sure that you have your name and address plainly written. In no case fail to give your shipping address, if different from post office address.

If there is anything in this list you do not understand, let us know and we will be pleased to explain same.

SCHULZE BROS. NURSERY CO.,

Brussels, Ill.,

Deer Plain, Ill.

Schulze Bros. O. K. Whole Root Process Trees.

ORDER SHEET.

FREIGHT We pay freight, provided one-fourth cash reaches us before shipment, on orders of \$10.00 and up, sold at single, 10 or 100 rate. We also pay freight on 1-YEAR APPLE sold at thousand rate. We DON'T pay freight on orders sold at thousand rate (with the exception of 1-yr. apple) nor on stock shipped by express. We DON'T pay freight on orders amounting to less than \$10.00, nor on orders of any amount unless one-fourth cash reaches us before shipment. Orders are shipped direct to customer; he to make all remittances direct to us at Brussels, Ill. All Drafts and Money Orders must be made payable to SCHULZE BROS. NURSERY CO.

FOUR sizes are made in our Grading Cellars; 2-yr. trees are graded as below:

XXX. Extra, 3/4 inch and up includes largest and finest trees in the rows, the size sure to please. XX size, 3/4 to 5/8 inch, 1st class; even X size, 5/8 to 3/4 inch, equals 1st class of some—all young, healthy, thrifty, 1st class of the size. Of course dwarfish growing sorts are not so tall, nor are kinds of various habits of growth all alike. Larger sizes are graded by caliper (diameter) to similar thickness or stockiness of body—a true test of quality. When graded by both caliper and height, the caliper governs, as height then named is approximated. BARGAIN or 4th size at half-price of X size—no order under 500 trees and no sorts under 50 trees.

1-yr. Apple Trees are of three sizes; and even our 3d size 1-yr. trees excel "1st class 1-yr." of some growers.

GET UP CLUB among neighbors, save money for all. Get free freight on \$10 and up clubs, get the lower rate for larger quantity, etc. For your trouble add to the order, free of charge, trees to the amount of 10 per cent. of club order; but DO NOT, under any circumstances, deduct 10 per cent. in cash from amount of bill. The 10 per cent. in trees is for the club maker only who secures orders from other parties, thereby gaining us new customers. All therefore will understand why when order is all for one person, the 10 per cent. free trees cannot be added.

Dated at _____ 190__

SCHULZE BROS. NURSERY CO. Brussels, Ill. { P. O. Order, }
Enclosed amount is to apply on following trees, etc., hereby { Express }
ordered; balance, if any, please collect on arrival of shipment. { Draft—for } \$ _____
Please reserve the stock as soon as you receive at least one-fourth of the amount, which I herewith remit (or will remit) direct to you by P. O. Order, Express Order, or draft, payable to your order, the balance I will either remit before shipment, or pay same on arrival. I will not countermand this order.

Name _____

P. O. _____ Co. _____ State _____

Freight Station _____ Co. _____ State _____

PLEASE BE PARTICULAR TO GIVE BOTH P. O. AND SHIPPING STATION AND COUNTY OF EACH.

Express Office }
& Express Co. } _____ Ship about _____ 190__

DON'T set shipping date too late—trees should be planted as soon as ground is in good condition. Our frost-proof packing insures safe arrival.

Sorts are here arranged in succession, according to their season of ripening, but different classes are separated.

2-yr. DRAFTED.

2-yr. BUDDED.

XXX	XX	X	Price.	2-year APPLES.	XXX	XX	X	Price.
				Liveland Raspberry...				
				Yellow Transparent...				
				Early Harvest...				
				Red June...				
				Chenango Strawberry				
				Benoni...				
				Duchess...				
				Trenton...				
				Rambo...				
				Maiden's Blush...				
				Wealthy...				
				Northern Spy...				
				Grimes' Golden...				
				Jonathan...				
				Rome Beauty...				
				Oliver Red (Senator)...				
				Missouri Pippin...				
				Delicious...				
				Wine Sap...				
				Genet, Rawle's...				
				Bismarck...				
				York Imperial...				
				Newtown Pippin...				
				Gano...				
				Willow Twig...				
				Ben Davis...				
				Bellflower, Yellow...				
				Stayman's Wine Sap...				
				Springdale...				
				Ingram...				
				Collins' Red (Champion)				
				Black Ben Davis...				
				Ben Golden (Tr. Mark)				
				Huntaman's Favorite...				
				Chicago...				
				Mammoth Blk Twig...				
				Apple of Commerce...				
				Union (Trade Mark)...				
				Paradise W. Sweet...				
				Talman's Sweeting...				

1-yr. DRAFTED.

1-yr. BUDDED.

3 to 4 ft	2 1/2 to 3 ft	2 to 2 1/2 ft	Price.	1-year APPLE.	4 ft.	3 ft.	2 1/2 to 3 ft	Price.
				Liveland Raspberry...				
				Yellow Transparent...				
				Early Harvest...				
				Red June...				
				Chenango Strawberry				
				Benoni...				
				Duchess...				
				Trenton...				
				Rambo...				
				Maiden's Blush...				
				Wealthy...				
				Northern Spy...				
				Grimes' Golden...				
				Jonathan...				
				Rome Beauty...				
				Oliver Red (Senator)...				
				Missouri Pippin...				
				Delicious...				
				Wine Sap...				
				Genet, Rawle's...				
				Bismarck...				
				York Imperial...				
				Newtown Pippin...				
				Gano...				
				Willow Twig...				
				Ben Davis...				
				Bellflower, Yellow...				
				Stayman's Wine Sap...				
				Springdale...				
				Ingram...				
				Collins' Red (Champion)				
				Black Ben Davis...				
				Ben Golden (Tr. Mark)				
				Huntaman's Favorite...				
				Chicago...				
				Mammoth Blk. Twig				
				Apple of Commerce...				
				Union (Trade Mark)...				
				Paradise W. Sweet...				
				Talman's Sweeting...				
				Bargain Size...				

Names and Addresses of those who would likely be interested in **SCHULZE FRUIT BOOK**, etc.
We shall appreciate your sending us above at any time. Need not be all at
your P. O.—no matter where they live.

2-year.

1-year.

XXX	XX	X	Price.	PEAR, STANDARD	XXX	XX	X	Price.
				Keller (Trade Mark).....				
				Clapp's Favorite.....				
				Bartlett.....				
				Flemish Beauty.....				
				Garber.....				
				Tyson.....				
				L. B. Jersey.....				
				Seckel.....				
				Howell.....				
				Sheldon.....				
				Lawrence.....				
				Kieffer.....				

XXX	PEACH.	XX	X	4th	Price.	2-year	GRAPE.	1-year	Price
	Elberta Seedling.....						Moore's Early.....		
	Select.....						Worden.....		
	Sneed.....						Diamond.....		
	Amsden.....						Brighton.....		
	Triumph.....						Concord.....		
	Maimie Rose.....						Delaware.....		
	Champion.....						Catawba.....		
	Elberta Cling.....						Niagara.....		
	E. Crawford.....								
	Capt. Ede.....								
	Elberta.....								

XXX	PEACH.	XX	X	4th	Price.	2-year	GOOSEBERRY.	1-year	Price.
	Old M. Free.....						Houghton.....		
	" " Cling.....						Pearl.....		
	Gold Dust.....						Red Jacket.....		
	L. Crawford.....								
	Stump.....								
	Cuba.....								
	Ad. Dewey.....								
	Chicago.....								
	Heath Cling.....								
	Calhoun.....								
	Wonderful.....								

XXX	PLUM.	XX	X	4th	Price.	DEWBERRY.
	American.....					Lucretia. Best.....
	Olimax.....					
	Sultan.....					
	Burbank.....					
	Pool Pride.....					
	Red June.....					
	Wickson.....					
	Wild Goose, Im.....					
	Damson.....					
	Lombard.....					
	Ill. Green Gage.....					
	Imperial Gage.....					
	German Prune.....					
	Fellenburg.....					

XXX	CHERRY.	XX	X	4th	Price.	RASPBERRY.
	Leopold (Tr. Mark).....					Cuthbert, large red.....
	Dyehouse.....					London, late red.....
	Early Richmond.....					Cumberland.....
	Baldwin.....					Kansas, best black.....
	Montmorency, larg.....					Ohio, everbearing.....
	" King.....					Doolittle.....
	" Monarch.....					Mammoth Cluster.....
	English Morello.....					
	Ger. Ostheimer.....					
	Wragg.....					

XXX	QUINCE.	XX	X	Price.	XXX	PEAR—Dwarf.	XX	X	Price.
	Meech.....					Keller (Tr. Mark).....			
	Orange.....					Howell.....			
	CRAB.					L. B. Jersey.....			
	Florence.....					Duchess.....			
	Siberian, red.....					Kieffer.....			
	APRICOT.					Bartlett.....			
	Harris.....								
	Royal.....								

Orders Only **PARTLY** Filled. Instead of sending other good sorts, or another size, often causes disappointment. For we take it for granted that customers wish to plant or test certain sorts, and know what they want; and yet if they know we were sold out of a variety ordered they would often accept another rather than be wholly disappointed. So when orders cannot be filled exactly, we use our best judgment as to sending as nearly similar sorts as possible, or another size. But your first choice will always be sent if in the Nursery.

We wish, however, to fill orders to your entire satisfaction; so please state whether we shall refund the money sent, or what to send in case we should be out of any size or sort ordered

Sizes: If my order cannot be filled, either in whole or in part, with size wanted, my next preference is.....size. Next.....size. Next.....size

Sorts: If any sorts ordered cannot be furnished, some of the following varieties would be acceptable:

If above does not meet the case, kindly write "Yes" or "No" in the following blank. If order can not be filled to the letter, shall we exercise our best judgment and discretion in the matter?

EASY Terms:—One-fourth the amount before shipment, balance on arrival. Or, we will ship without one cent in advance, you to have your banker, or some merchant who is favorably reported by Dun's or Bradstreet's Mercantile Agency, to fill out and sign following blank:

Dated at..... 19... To **SCHULZE BROS. NURSERY CO.**
Please ship the following order; and I will see that full amount due is paid promptly on arrival.
(Business.....) SIGNED (In ink).....
My P. O. Address is.....

Glencoe, Cal., April 7, 1903.

Enclosed find Money Order for \$——. The trees all arrived in good condition.

C. A. BERRY.

Otterville, Ill., April 12, 1903.

Sirs:—Received the trees all O. K., so find enclosed amount with thanks for compliments.

CHAS. R. KIRCHNER.

Bluff Springs, Ill., April 11, 1903.

Enclosed you will find money order for the payment of trees. Trees are all right, I am well pleased. I think your trees are fine, not too large or too small, just right, fine **tops** and good **roots** too. I don't believe you praise your trees too much in your **Fruit Book**. Wishing you success.—W. G. BROWN.

Franklin, Neb., June 16, 1902.

Schulze Bros., Brussels, Ills.

DEAR SIR:—I acknowledge receipt of your prices on Whole-Root Grafted Trees, also Descriptive Catalogue. In respect to your method of making trees, pardon me for saying that I would not knowingly have a Piece-Root Tree as a gift. I have lost over \$300 on Piece-Root Trees, and yet have about 20 that stand as worthless monuments to the discredit of the system as well as the nurseries that indulge in such a system of duping the people out of the use of their valuable land and money. It seems strange that our Legislators can see the impurities in butter and legislate in the interest of the old cow, yet they will leave the bogus manufacturer of worthless fruit trees unmolested to the dissatisfaction of every free holder. The Piece-Root Fruit Trees would make discreditable shade trees for the protected mother cow, for the cow is a producer from the fat of the land, and the Piece-Root Grafted Trees stand as a mockery, a false imitation to perfection, a blighter to the promotion of good orchardist. Should they live at all they are a disgrace to the producer and the owner thereof, and will nine times out of ten stand as an Eye-Sore in their non-productive forms. Should they try to repay the disgusted owner for his labor and money by bearing some fruit the strain becomes too heavy on the root foundation. Therefore the life of the tree is shortened and death follows. Now comes the verdict of the farmer and tree planter. Saying in all condemnation to his fair state or nation, that this is no fruit country. We have tried it for 30 years with loss of money, sufficient to fruit my family every year and yet have nothing but a lot of old, invigorous, non-bearing things to show what I have tried to do. Allow me to say, that Nebraska to-day stands full of such worthless orchards from ten to twenty years old, that dot the fine fertile prairies in all directions, but not a dessert apple can be found. Now to better illustrate simple facts I have only to say that while acting as salesman for Stark Bros. Nursery Co. last year my business called me in contact with all kinds of people, of all nationalities, and but very few could be found but what would condemn the country as a producer of fruits. I knew, the Whole-Root Graft Trees like you produce would bring back confidence, if thoroughly tried. I would ask the farmers where they got their trees and the universal reply would be, from this Nursery or that Nursery of home production. One man said he got his trees of the Omaha Nurseries. I said, I will go you that mare I drive there is no Omaha Nursery in existence. He had got duped by a tree dealer. Another said he got his trees from the Great Topeka, Kansas, Nursery. I pulled out \$10, saying I would bet there was nothing in the shape of a Nursery at Topeka, Kan., another neighborhood duped by tree dealers. I found my best advertisement for the Whole-Root Grafted Tree was to go into their orchards and pull up a Piece Root Tree and show them the humbuggy that they had indulged in, and then ask them if the soil of any state could add more roots to such a thing as that? This would bring them to their senses. Now in concluding my remarks will say that I am a fruit tree planter with over 8,000 fruit trees of various kinds and I expect to continue to invest in that line as long as I can find good Whole-Root Grafted Trees to get from good reliable nurseries like yours, and further I will fearlessly denounce the Piece-Root Stock from practical experience and financial losses. I sent an article lately to an editor of a Fruit Journal to publish and he respected me in a very generous way, like this: We are in receipt of your very valuable document regarding the Whole-Root Graft System, of which there is many truths. But the members of the Horticultural Societies have ruled out the subjects of root-grafting; besides it would bring out an everlasting contention through correspondence on both sides. But we will at times print parts of it. What? The Horticultural Society banishing a living principle to compel silence in favor of the bogus Piece Root syndicate that manufacture trees for the dollars and cents, knowing full well that there will be a market for trees as long as the lifeless secret can be buried under the ground beneath bark of a tell-tale root at the hand of the master's knife. We well know that the Piece-Root Nurserymen are in a majority at all the Horticultural Meetings, and it is to their interest to prohibit good subjects that would enlighten the public as to their own interest. Your nursery may have your enemies in business, but your numerous Patrons will become friends for life and sound your principles for an everlasting success.

Yours respectfully,

BENNETT TRAVIS, Franklin, Neb.